JUN 2 3 2006 W

IFW

Under the Paperwork Reduction Act of 1995, no pers	sons are required to res	U.S. Patent and Tradem	PTO/SB/21 (09-04) ved for use through 07/31/2006. OMB 0651-0031 ark Office; U.S. DEPARTMENT OF COMMERCE ation unless it displays a valid OMB control number
		Application Number	09/887,697
TRANSMITT	AL	Filing Date	November 1, 2001
FORM		First Named Inventor	Shih-Fu LEE
(to be used for all correspondence after initial filing)		Art Unit	2123
		Examiner Name	J. S. Proctor
Total Number of Pages in This Submiss	sion 3	Attorney Docket Numb	er 146712013800
EN	ICLOSURES	(Check all that app	oly)
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s)	Change of Co	onvert to a Application rney, Revocation onespondence Address claimer Refund	After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter X Other Enclosure(s) (please Identify below): Statement Under 37 CFR 3.73(b) Return Receipt Postcard
Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks URE OF APPLICA	ANT, ATTORNEY, OF	RAGENT
Firm Name Morrison & Foerster		Sitt, ATTOMICT, OF	
Signature			

Reg. No.

42,465

va-163812

Printed name

June 23, 2006

Date



PTO/SB/82 (01-06) Approved for use through 12/31/2008. OMB 0651-0035 Trademark Office; U.S. DEPARTMENT OF COMMERCE

MADER	U.S. Patent and Tra	demark Office; U.S. DEPARTMENT OF COMMERC		
Under the Paperwork Reduction Act of 1995, no persons are re	quired to respond to a collection of	information unless it displays a valid OMB control number		
	Application Number	09/887,697		
REVOCATION OF POWER OF	Filing Date	November 1, 2001		
ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	First Named Inventor	Shih-Fu LEE		
	Art Unit	2123		
	Examiner Name	J. S. Proctor		
	Attorney Docket Number	146712013800		
l hereby revoke all previous powers of attorney ς	given in the above-identif	ied application.		
A Power of Attorney is submitted herewith.				
OR X I hereby appoint the practitioners associated	ed with the Customer Nur	mber: 50268		

A Po	ower of A	ttorney is submitted here	with.					
OR								
X I her	reby appo	pint the practitioners asso	ciated	with th	e Cust	omer Number:	50	0268
X Plea	ise chanç	ge the correspondence ac	ldress	for the	above	-identified app	lication to:	
OR	The address associated with Customer Number: 50268							
UK .		1						
Firm o	r Iuai Name							
Address								
City								
Country			State				Zip	
Telephone				Email				
I am th	ne:							
								·
App	licant/Inv	entor.						
X Ass Stat	ignee of i	record of the entire intered ander 37 CFR 3.73(b) is en	st. Se	e 37 Cl	FR 3.7° m <i>PTO</i>	1. /S <i>B</i> /96)		
		2 SIGNATURE	of Ap	plican	t or As	signee of Re	cord	
Signature	Ke	phratti-S. Mi	mo	her				
Name	Rag	unath S. Minisandram						
Date	М	ay 24, 2006				Telephone	3)	331) 439-7309
NOTE: Sig	natures of a	all the inventors or assignees of r signature is required, see below	ecord o	f the entir	re interes	t or their represen	tative(s) are requ	uired. Submit multiple
	*Total of	1 forms are sub						

PTO/SB/96 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No./Patent No.: Og/887,697 Filed/Issue Date: November 1, 2001 Entitled: DISC DRIVE HEAD-MEDIA SPACING MODELING AND APPLICATIONS SEAGATE TECHNOLOGY LLC (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1.	STATEMENT UNDER 37 CFR 3.73(b)
Entitled: DISC DRIVE HEAD-MEDIA SPACING MODELING AND APPLICATIONS SEAGATE TECHNOLOGY LLC , a (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1.	Applicant/Patent Owner: Shih-Fu LEE et al.
SEAGATE TECHNOLOGY LLC (Name of Assignee) States that it is: 1.	Application No./Patent No.: 09/887,697 Filed/Issue Date: November 1, 2001
states that it is: 1.	Entitled: DISC DRIVE HEAD-MEDIA SPACING MODELING AND APPLICATIONS
states that it is: 1.	SEAGATE TECHNOLOGY LLC , a Corporation
1.	(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is	states that it is:
The extent (by percentage) of its ownership interest is	1. X the assignee of the entire right, title, and interest; or
in the patent application/patent identified above by virtue of either: A. X An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013494 Frame 0166 or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. 2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. Additional documents was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Pagnature Date Date Attorney of Record	2. an assignee of less than the entire right, title and interest.
A. X An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013494 Frame 0166 or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. 2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. Copies of assignment was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. Motional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the Jecords of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Pate Reg. No. 42,465 703.760.7755 Prinked or Typed Name Telephone Number Attorney of Record	The extent (by percentage) of its ownership interest is %
was recorded in the United States Patent and Trademark Office at Reel Frame 0166 or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. 2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. Additional documents was recorded in the United States Patent and Trademark Office at Reel frame or for which a copy thereof is attached. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465 703.760.7755 Printed or Typed Name Telephone Number Attorney of Record	in the patent application/patent identified above by virtue of either:
B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From:	was recorded in the United States Patent and Trademark Office at Reel 013494 ,
assignee as shown below: 1. From: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. 2. From: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. 3. From: The document was recorded in the United States Patent and Trademark Office at Reel , Frame or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465 703.760.7755 Printed or Typed Name Telephone Number Attorney of Record	OR
1. From: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 2. From: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 3. From: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465	assignee as shown below:
Reel, Frame, or for which a copy thereof is attached. 2. From:	1. From: To:
2. From: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465 Printed or Typed Name Attorney of Record	
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 3. From:	Reel , Frame , or for which a copy thereof is attached.
Reel , Frame , or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Bignature Date Raj S. Davé Reg. No. 42,465 Printed or Typed Name Attorney of Record	2. From: To:
To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Bignature	The document was recorded in the United States Patent and Trademark Office at
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465	Reel, Frame, or for which a copy thereof is attached.
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Dave Reg. No. 42,465 Printed or Typed Name Attorney of Record	3. From: To:
Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465 Printed or Typed Name Attorney of Record	
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Date Raj S. Davé Reg. No. 42,465 Printed or Typed Name Attorney of Record	Reel , Frame , or for which a copy thereof is attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. June 23, 2006 Bignature Date Raj S. Davé Reg. No. 42,465 Printed or Typed Name Attorney of Record	Additional documents in the chain of title are listed on a supplemental sheet.
June 23, 2006 Date	[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be
Raj S. Davé Reg. No. 42,465 703.760.7755 Printed or Typed Name Telephone Number Attorney of Record	The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
Raj S. Davé Reg. No. 42,465 703.760.7755 Printed or Typed Name Telephone Number Attorney of Record	June 23, 2006
Raj S. Davé Reg. No. 42,465 703.760.7755 Printed or Typed Name Telephone Number Attorney of Record	
Printed or Typed Name Telephone Number Attorney of Record	
Attorney of Record	